



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

# SCIENCE

FRIDAY, JULY 25, 1913

## CONTENTS

<i>The Mutual Relations of Medical Progress and the Physician:</i> PROFESSOR HENRY H. DONALDSON .....	101
<i>The American Association for the Advancement of Science:—</i>	
<i>A National University based on National Ideals:</i> H. K. BUSH-BROWN .....	109
<i>The Scientific Study of the College Student:</i> CHARLES WHITING WILLIAMS .....	114
<i>The American Mine Safety Association</i> .....	120
<i>The Crocker Land Expedition</i> .....	10
<i>Scientific Notes and News</i> .....	121
<i>University and Educational News</i> .....	125
<i>Discussion and Correspondence:—</i>	
<i>Color Correlation in Garden Beans:</i> DR. J. K. SHAW. <i>A New Method for Labeling Microscopic Slides:</i> ZAE NORTHRUP. <i>The Metrio System:</i> A. F. GILMAN. <i>The Yellowstone Park:</i> PROFESSOR W. S. FRANKLIN	126
<i>Scientific Books:—</i>	
<i>Britton and Brown's Illustrated Flora of the Northern United States, Canada and the British Possessions:</i> PROFESSOR CHARLES E. BESSEY. <i>Ingersoll and Zobel on the Mathematical Theory of Heat Conduction:</i> C. P. RANDOLPH .....	129
<i>Special Articles:—</i>	
<i>The Negative Phototropism of Diaptomus through the Agency of Caffein, Strychnin and Atropin:</i> PROFESSOR A. R. MOORE. <i>The Powdery Scab of Potato:</i> I. E. MELHUS. <i>A New Section South from Des Moines, Iowa:</i> JOHN L. TILTON .....	131
<i>The American Association of Museums:</i> DR. PAUL M. REA .....	135

MSS. intended for publication and books, etc., intended for review should be sent to Professor J. McKeen Cattell, Garrison-on-Hudson, N. Y.

## THE MUTUAL RELATIONS OF MEDICAL PROGRESS AND THE PHYSICIAN<sup>1</sup>

SOME students of literature tell us that there are but seven different stories in the world. I should be inclined to add that there were but three different addresses for an occasion like the present.

Thus it is possible to select a chapter in medical history and revive the past; or discuss some striking achievement of the day and illuminate the present; or finally, to choose for consideration problems, the solutions for which are still in the making, and thus attempt to forecast and to mould the future.

It is from these problems that I have made a selection for this occasion and I purpose to speak on the mutual relations of medical progress and the physician—for you are physicians—in the nascent state, to be sure—but like the freshly liberated hydrogen to which the adjective is most often applied—capable of vigorous activity.

To say anything really new to you upon the topic here set down would be most difficult. We are all in the position of the old philologist who, when asked to explain why he gave no lectures, replied that he had not yet been able to get together a sufficient quantity of new facts to fill an hour. For the most part we who speak are obliged to overlook this unpleasant circumstance and endeavor to present familiar ideas in a new form—trusting by a happy presentation to drive them home.

To be sure, all of us are wonderfully pro-

<sup>1</sup> Address given at the eighty-fourth annual commencement of the St. Louis University School of Medicine, June 5, 1913.